

My Innovative Invention

Student Journal

Name _____

Grade Level _____

School _____

Name of Invention

What problem does this invention solve?

How does this invention work?

How did you discover this problem?

What other ways could you solve this problem?

Where did I look to see if your idea was already invented?

Try one of your other ideas. This is not your invention idea.
Which idea did you try?

How well did this idea work? Why?

Why would your invention be a better solution?

What happened when you tried your invention idea?

Did it work right away, or did you need to modify it? Why?

What else could you do in order to improve your invention?

Why does your invention solve the problem most effectively?

Draw a diagram of your prototype.

How does your invention work?

Where did you discover this problem?

How did you come up with your ideas?

What materials did you use in your prototype?

Did you enjoy the invention process? Why or why not?

Display Board Layout

Original Problem Statement	Name of Invention	Survey
Technical Diagram	Step-by-Step Illustration	Graph
Patent Intent	Advertisement	Proposal

Display Board Sections

The Original Problem is a paragraph summary of what your idea is, where you discovered your problem, and how your invention solves the problem.

The Technical Diagram is a labeled diagram of the parts of the prototype of your invention.

The Patent Intent is a statement that protects your idea. You can glue it onto an envelope and put your patent search documentation in the envelope.

The Name of the Invention should be eye-catching and it should stand out!

The Step-by-Step Illustration should show the steps you took while building the prototype. You can use drawings or photographs for each step as well as a sentence explaining each step.

The Advertisement should persuade people to want to use your invention.

The Survey is a statement that asks people if they would want to use your invention. You should describe how your invention works. Ask for yes, no, or maybe as responses.

The Graph shows your survey results. The pie (or circle) graph works best.

The Proposal is the sheet where you first record your idea.

Invention Proposal

Name of Invention _____

Problem this Invention Solves:

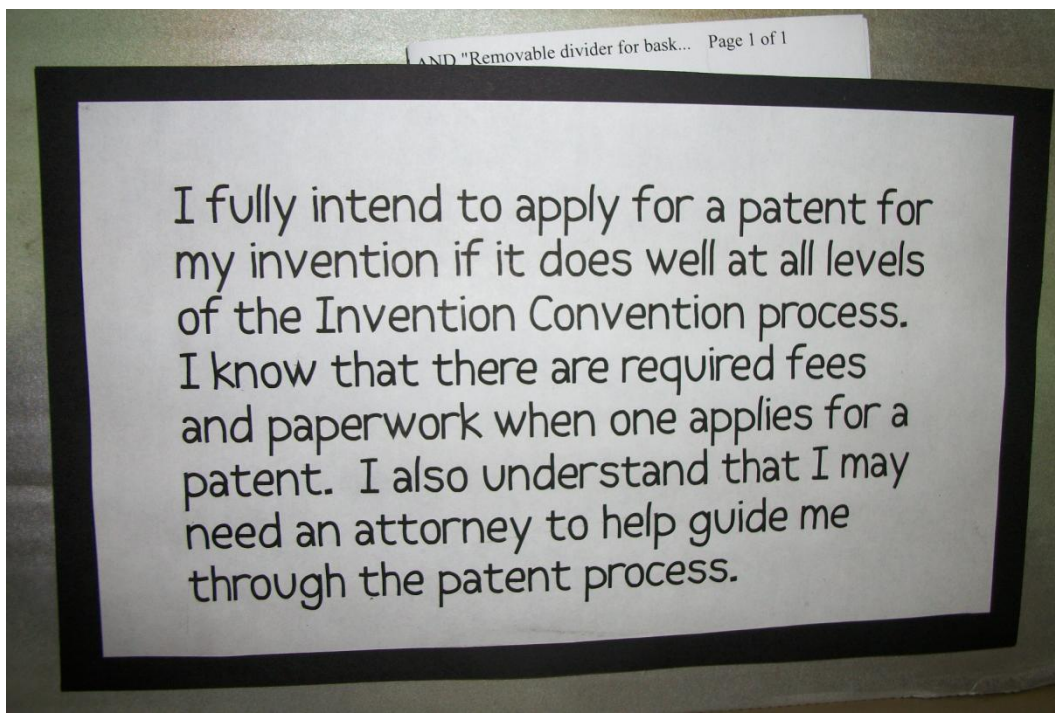
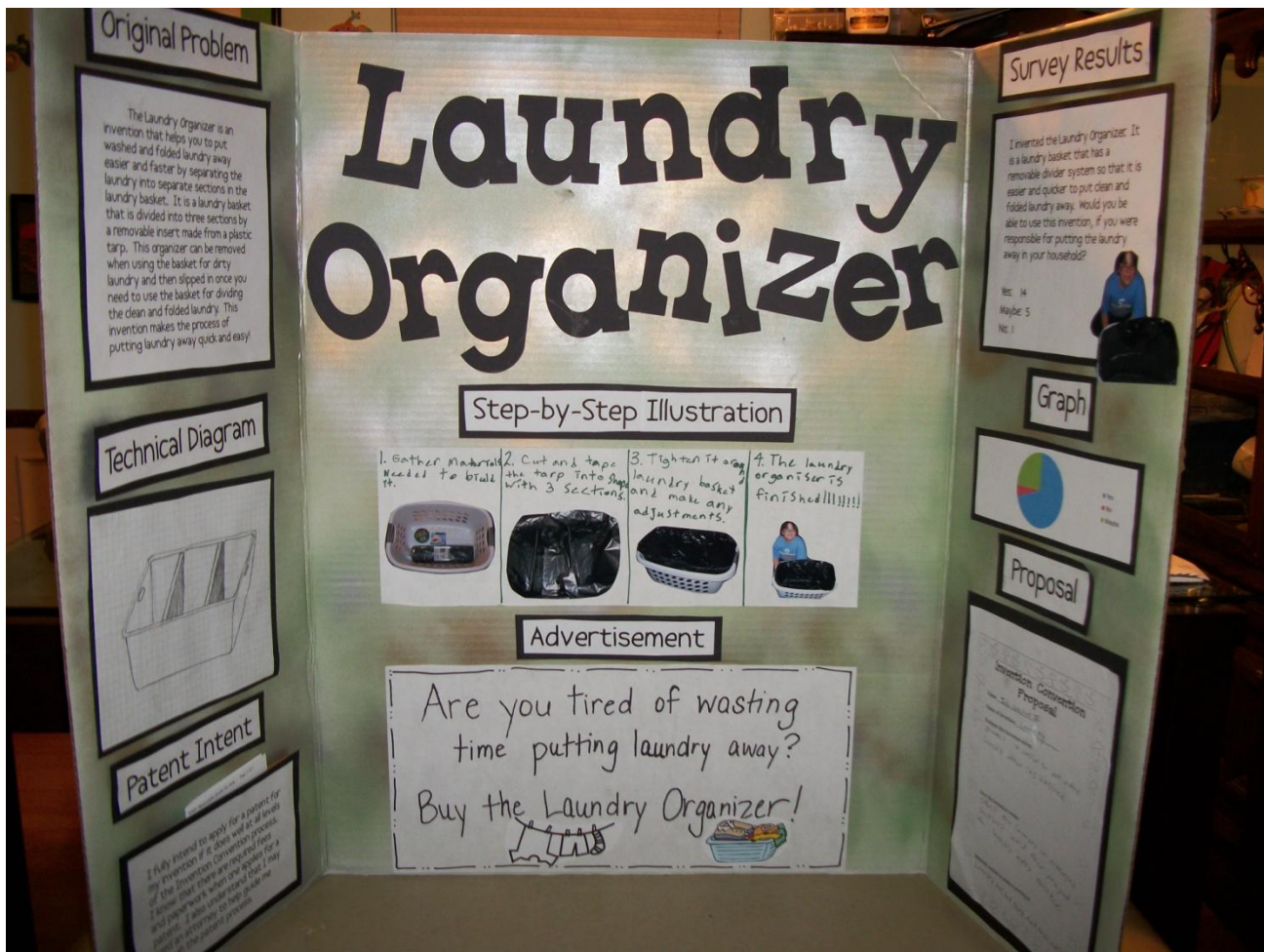
How this Invention Works:

Materials Needed for a Prototype:

Date_____

Witness _____

Photos



Display Board Labels

Copy, cut and paste these into a program and then you can change the font and size to suit your needs. Glue each title onto a background paper so it stands out.

Original Problem

Technical Diagram

Patent Intent

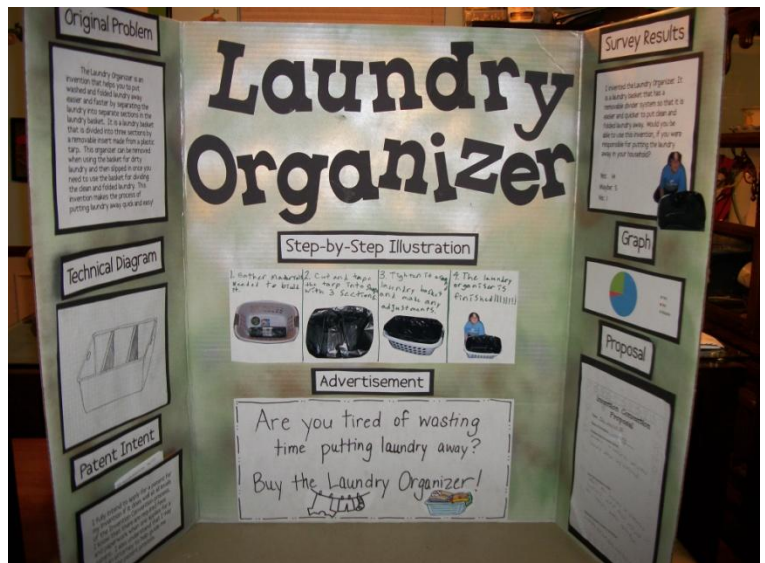
Step-by-Step Illustration

Advertisement

Survey Results

Graph

Proposal



Other Ideas

- My students make business cards using Microsoft Publisher.
- We make t-shirts to wear on the day of the event.
- We spray paint our white display boards in multiple colors so they stand out.
- Do a patent search on-line at the usgov site and print off the results.